INTERNATIONAL SEARCH REPORT

Intern 181 Application No PCT/IB2004/002846

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H04M3/56 H04L12/66 H04M7/00 H04L29/06 According to International Patent Classification (IPC) or to both national classification and IPC B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) HO4M HO4L IPC 7 Documentation searched other than minimum documentation to the extent that such documents are included. In the fields searched Electronic data base consulted during the International search (name of data base and, where practical, search terms used) EPO-Internal, WPI Data C. DOCUMENTS CONSIDERED TO BE RELEVANT Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. X WO 99/12365 A (WINROTH MATS OLOF 1,2, HYLLANDER KLAS (SE); TELIA AB (SE)) 5-12,17,11 March 1999 (1999-03-11) 18,35, 43,49~54 abstract figures 1,2 page 3, line 17 - page 7, line 9 page 10, line 27 - line 33 page 12, line 8 - page 13, line 16 page 17, line 10 - line 24 Α 3,4, 13-15. 19-34. 36-42. 44-48 X Further documents are listed in the continuation of box C. Patent family members are listed in annex. ° Special categories of cited documents: "I" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the "A" document defining the general state of the art which is not considered to be of particular relevance invention "E" earlier document but published on or after the international *X* document of particular relevance; the dialimed Invention cannot be considered novel or cannot be considered to "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. "O' document referring to an oral disclosure, use, exhibition or document published prior to the international filing date but later than the priority date claimed "&" document member of the same patent family Date of the actual completion of the international search Date of malling of the International search report 6 December 2004 14/12/2004 Name and mailing address of the ISA Authorized officer European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tsl. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016 Matt, S

INTERNATIONAL SEARCH REPORT

Intern lai Application No PCT/IB2004/002846

Category °	ation) DOCUMENTS CONSIDERED TO BE RELEVANT Citation of document, with Indication, where appropriate, of the relevant passages	Relevant to claim No.
Jaleyory °	Citation of doodings, with indication, where appropriate, of the relevant passages	T. C.
X	WO 02/052825 A (KAUHANEN TIMO; LYBECK MARK (FI); NOKIA CORP (FI); RAESAENEN JUHA (FI)) 4 July 2002 (2002-07-04) abstract	1-12,17, 18,35, 43,49-54
A	figures 1,3-5 page 3, line 7 - line 18	13-16, 19-34, 44-48
	page 9, line 7 - page 11, line 16 page 17, line 16 - page 21, line 15	
A	EP 1 164 774 A (INTELLPROP LTD) 19 December 2001 (2001-12-19) abstract	1–54
	paragraph '0022! - paragraph '0027! paragraph '0033! - paragraph '0041! paragraph '0084! figure 1	
A	WO 03/054717 A (3COM CORP) 3 July 2003 (2003-07-03) abstract	1-54
	figures 1,7,8 page 4, line 10 - line 22 page 15, line 3 - line 23 page 34, line 8 - page 38, line 3	

INTERNATIONAL SEARCH REPORT

Intern nal Application No PCT/IB2004/002846

Patent document cited in search report		Publication date	Patent family member(s)			Publication date
WO 9912365	A	11-03-1999	SE EE EP NO SE WO	1008266	A A1 A A	22-03-1999 16-10-2000 14-06-2000 27-04-2000 01-03-1999 11-03-1999
WO 02052825	Α	04-07-2002	WO EP US	02052825 1346557 2004076145	A1	04-07-2002 24-09-2003 22-04-2004
EP 1164774	Α	19-12-2001	EP	1164774	A1	19-12-2001
WO 03054717	Α	03-07-2003	US EP WO	2004003046 1454245 03054717	A1	01-01-2004 08-09-2004 03-07-2003